CERES SCF STATUS

Description	May 19, 2004 Status	Problems
SUN Upgrades	No new updates.	
SGI Upgrades	No new updates.	
Thunder, Lightning & Lanina	On the night of May 12, Wednesday, a disk drive failed on *thunder*. This affected the gge0, gge0-1, instrument-a, clouds-d, and clouds-2 file systems. The disk was brought back online. This allowed the transfer of the above file systems to other areas. On Saturday, May 15, *thunder* and *lightning* froze up. Access could not even be obtained via the low level controller software. The only way to clear up the problem was to execute a reset on the front control panel -- which in turn cleared *thunder* and *lightning*, but also rebooted *lanina* and *calipso-asd*. The revised/updated summary of the schedule for testing on the CERES IRIX 6.5.22m with the MIPSpro 7.4 compilers is shown below (#1 & #4 modified from last posting). 1.) Inversion Sandy has completed testing of the Inversion subsystem. No problems were reported. 2.) Instrument (Week of 4/19 thru 4/23) Completed. Denise has completed the testing of the Instrument subsystem. No problems were reported. 3.) Clouds (Ongoing) Walt is in the progress of testing his subsystem. He is currently working intermittently on the testbed system as time allows. He has reported some cloud code problems but nothing that can't be overcome at this time. 4.) SARB Scott Zentz is in the progress of testing the SARB subsystem at this time. 5.) GGEO Joe compiled CERESlib on the testbed system but has not requested time to test the GGEO code. He may be waiting for access to the NAG 95 compiler. 6.) TISA (TDB) On hold until the license issue can be resolved with NAG 95.	

Tuesday, May 18, 2004

Description	May 19, 2004 Status	Problems
Thunder, Lightning & Lanina (cont'd)	7.) ERBELIKE (TBD) No response for request of time on the testbed system at this time.	
Security	On Monday midday LaRCnet experienced a brief period of DNS problems. This was reported and corrected. This primarily affected operations that require reverse name lookup resolution. Some examples of this would be login's, webserver activity, email and VPN.	
Webserver	The website asd-www.larc.nasa.gov was relocated to the system *saisun01*. The DNS CNAME asd-www.larc.nasa.gov was converted to an A record with a unique IP, which allowed the system administrators to relocate the website as a true virtual host. The informix database continues to run on the old hardware *cirrus*. The current problems being reported with the switch over to the new webserver have been related to home directory automounting. Some problems have been reported by Kay Costulis in relation to sendmail and Coldfusion. These problems have been solved.	
Toolkit	No new updates. Prior info: Software Version -------------- ------------- HDF-EOS 2.9v1.00 HDF-EOS 5.1.5 HDF 4.1r5 HDF 5-1.4.4 SDPTK 5.2.9v1.00 BRAND COMPILER ABI ISA ----------- ---------------- ----- -------- sgi f95 (NAG) 64 mips4 sgi32 f90 (SGI) n32 mips3 sgi64 f90 (SGI) 64 mips4	
DMSS Transfer	No new updates.	

CERES SCF/DAAC Server Information

Server Name:	Asdsun	Thunder	Lightning	Lanina	Samantha[1]	Warlock	Darrin
System Type	Sun Fire V880	Origin 3800	Origin 3800	Origin 3800	Origin 2000	Origin 3800	Origin 2000
Operating System	Solaris 8	IRIX64 6.5.16m	IRIX64 6.5.16m	IRIX64 6.5.16m	IRIX64 6.5.18m	IRIX64 6.5.17m	IRIX64 6.5.18m
Fortran compilers	SUNWspro 4.0	7.3.1.3m	7.3.1.3m	7.3.1.3m	7.3.1.3m	7.3.1.3m	7.3.1.3m
Toolkit (default)	TK5.2.7v1	TK5.2.7v1	TK5.2.7v1	TK5.2.7v1		TK5.2.7v1	
Toolkit (other)		TK5.2.9v1	TK5.2.9v1	TK5.2.9v1		TK5.2.9v1	
Ada	N/A	1.3	1.3	1.3		1.3	1.3
IDL	5.6	5.5	5.5	5.5	5.5 (demo mode)	5.5	5.3
NAG fortran 95	1.0(439)	1.0(428)	1.0(428)	1.0(428)	Removed	1.0(428)	1.0(428)
HDF	4.1.r3	4.1.r3	4.1.r3	4.1.r3		4.1.r3	
Proposed upgrades	None	None	None	None	None	None	
Problems	None	None	None	None	None	None	None

1. New *samantha* (previously *trance*).

NOTES:

Currently the SCF is not able to backup all data stored on the SCF servers. On the SCF SGI servers: *thunder, lightning* and *lanina* the partitions ending with an "-" followed by a numeric number are currently being backed up on a regular schedule. The partitions ending with an "-" followed by an alpha character are considered scratch space and are not being backed up. Any data stored on these non-backed up partitions should be considered recoverable or reproducible from other sources.

Systems *warlock* and *samantha2* were merged into one system (*warlock*) on Tuesday, August 19.

All CERES processing was transitioned to *warlock*.

Date last updated (server info chart only): 05/05/04

Tuesday, May 18, 2004